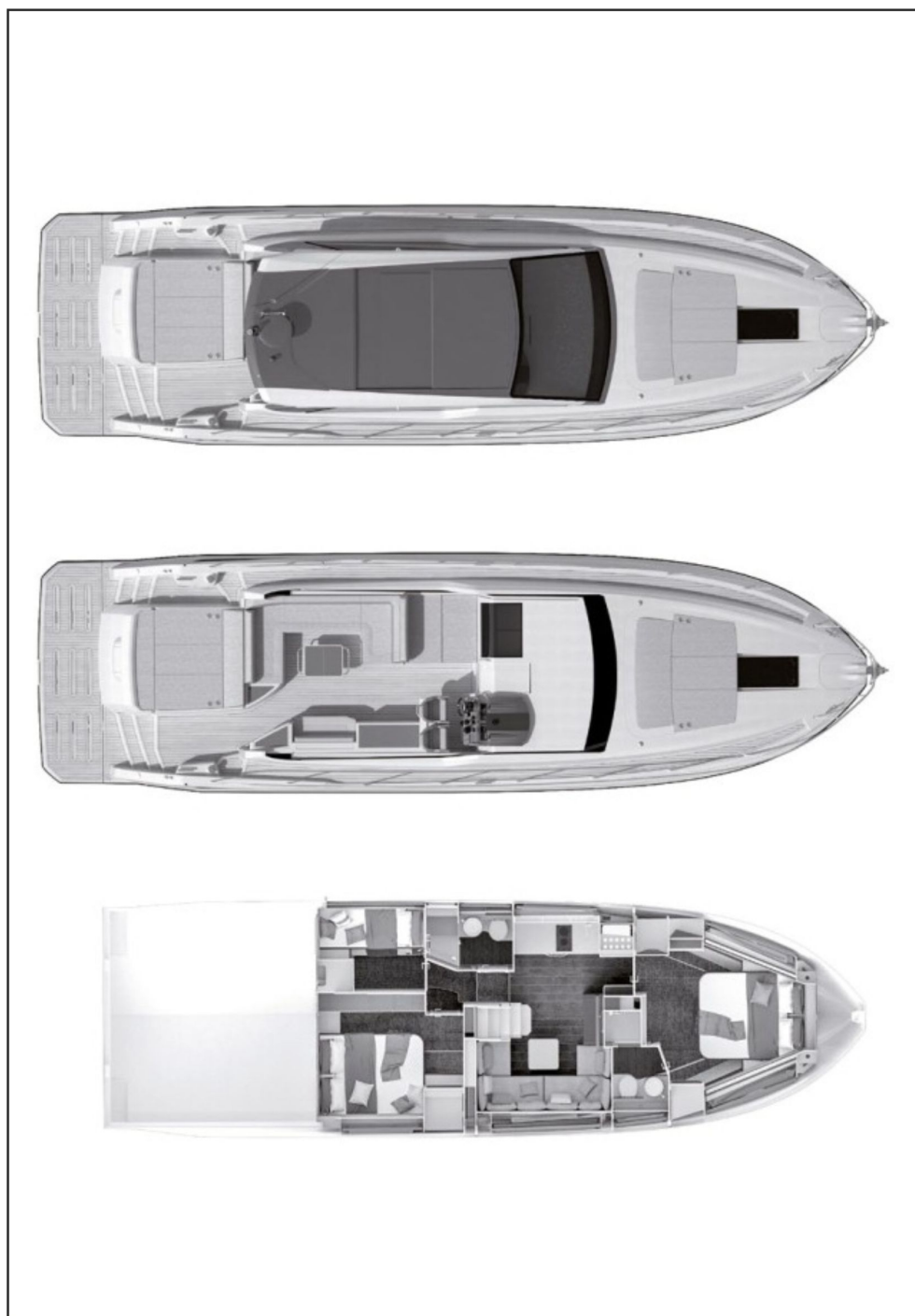


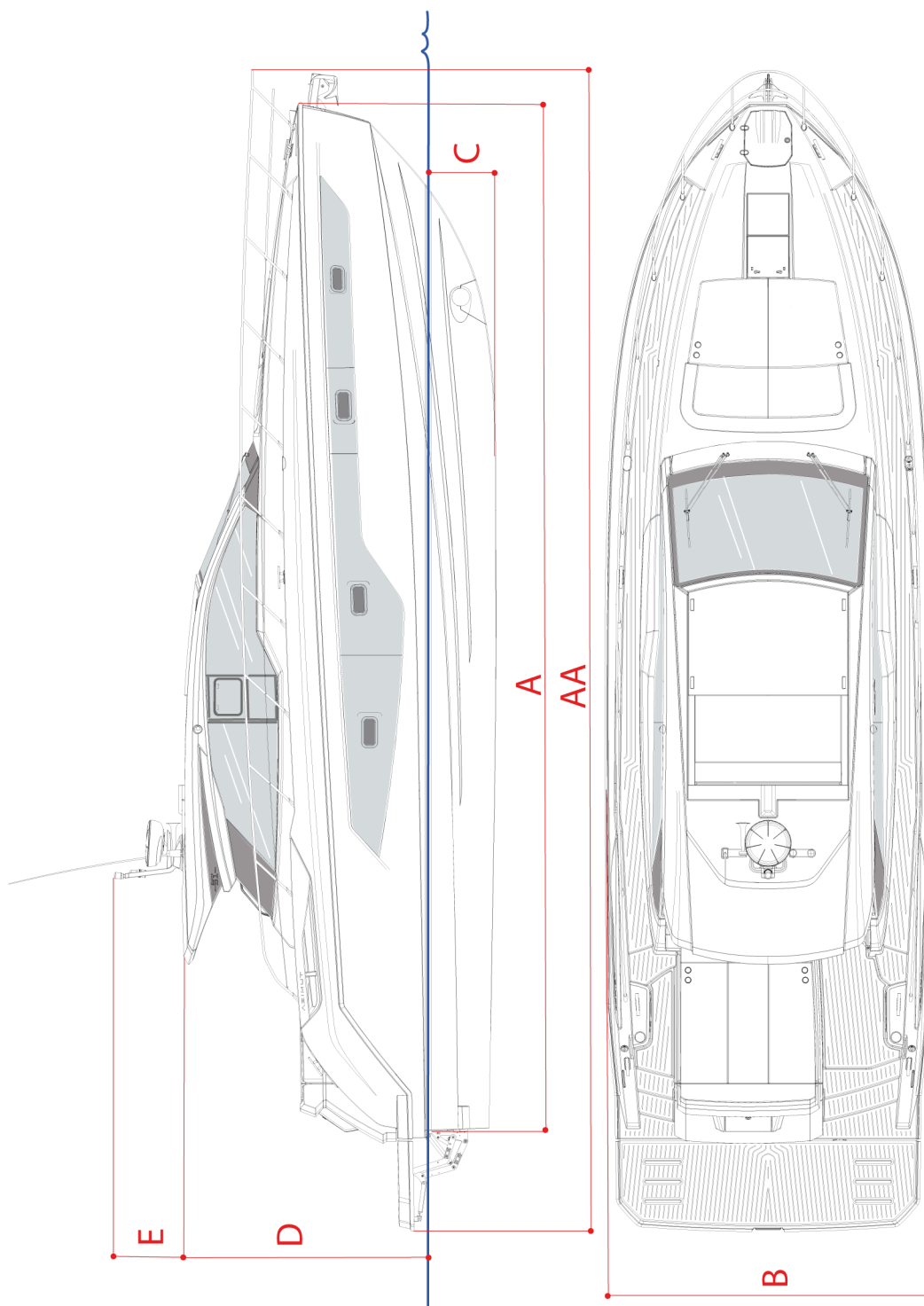
ATL51 (04/09/2020)

General plans (the image is to be considered as indicative only)



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Dimensional diagram (figure shown for indicative purposes)



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Main characteristics

The following tables list the boat's main characteristics.

Dimensions and weights

(AA) Maximum length L_{MAX} ISO 8666 (stern platform, pulpit overhang, bow roller, and rub-rails included)	16.18 m (53' 1")
(A) Hull length L_H ISO 8666 (excluding platform and bow appendages)	14.47 m (47' 6")
(B) Hull beam with rub-rails B_{MAX} ISO 8666	4.55 m (14' 11")
(C) Draught T_{MAX} ISO 8666 (at the propellers)	1.30 m (4' 3")
(D) Hull height H_A ISO 8666 (from waterline to radar arch)	3.66 m (12' 0")
(E) Height H_{mast} (from radar arch to light mast)	0.77 m (2' 6")
Maximum load recommended by the manufacturer ((Max. no. people on board x 75kg) + (Max. no. people on board x 30 kg baggage))	1,260 kg (2,777.8 lb)
Loaded displacement m_{LDC} ISO 8666 (boat mass with full tanks + max. no. of crew members and personal equipment + life raft, with tender)	22.293 t (21.9409 tn l.)
Light displacement m_{LCC} ISO 8666 (boat mass with empty tanks without crew and equipment)	17.90 t (17.617 tn l.)

Tank capacity

Diesel tank capacity	1,500 l (396.3 US. liq.gal.)
Fresh water tank capacity	450 l (118.9 US. liq.gal.)
Black water tank capacity (if installed)	140 l (37 US. liq.gal.)
Gray water tank capacity (if installed)	140 l (37 US. liq.gal.)

Layout and structure

Cabins	3
Beds	6
Heads	2
Material	GRP
Hull	Planing Aft deadrise: 13.6° - Hull center deadrise: 16.8°

Approval category and capacity

Type approval category CE	B
Maximum capacity	12 people

Propulsion system summary tables

Engines

Manufacturer	VOLVO Penta
Model	D8 - IPS800 - 600 hp
Max. power	2 x 441 kW - 600 hp

Performance

Maximum speed (*)	35 kn
Cruising speed (*)	30 kn

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Maximum speed consumption (*)	242 l/h (63.89 US.liq.gal./h)
Cruising speed consumption (*)	196 l/h (51.74 US.liq.gal./h)
Range at cruising speed (*) (excluding 10% for fuel that cannot be pumped)	206 nmi

► **N.B.**

(*) All performance specified in the table above applies to a standard configuration boat (standard equipment installed excluding tender, jet ski, etc.) with clean hull, propellers, and rudders.

Furthermore, the performance indicated above has been defined under good sea and wind conditions (Beaufort Scale level 1, Douglas Scale level 1, ambient T < 25 °C, seawater T = 15 °C, atmospheric P = 1013.25 hPa) with two people on board, 25% fuel, and fresh, gray, and black water tanks empty.

Different or harsher sea conditions may significantly affect performance.

Exterior

Hard top

- Electrically controlled roof with controls in the wheelhouse
- Stainless steel light mast
- Compliant navigation lights

Bow

- Chain locker accessible through hatch provided with drainage
- Remote control for fore winch located inside the chain locker
- Fenders storage in the chain locker
- Stainless steel anchor line anti-rubbing protection
- Hatch (emergency exit from owner's cabin)

- Owner's cabin glass-skylight forward of the hatch
- Fore area with built-in glass holders
- Two electric windscreen wipers
- Scuppers

Walk arounds

- Fresh water filling plug on port walk around
- Black rubber rub-rail
- Stainless steel pulpit with handrail
- Stainless steel shackles mounted vertically on the Hard Top at the walk arounds entrance

Cockpit

- One access on starboard side
- Stern sunbed area with removable cushions in fabric, with built-in glass holders
- One "C" shaped sofa (in dining area), with backrests and relevant removable cushions in fabric
- Fix GRP table with extensions
- Scuppers
- Cabinet located on starboard side, composed of:
 - Built-in sink with collapsible faucet and worktop covered by upper hatch with piston
 - two vertical lockers, one of which with waste holder
 - two-seater sofa with relevant removable cushions in fabric and horizontal locker underneath
 - Vertical compartment behind the sofa backrest for possible concealed TV set
 - Storage compartment covered by hatch, on aft side
- Two additional lockers on port aft side, located under the cushions, one of which pre-arranged for storing a self-inflating raft, and the aft one provided with piston
- GRP floor with non-slip finishing
- Engine room access through hatch located in front of the cabinet

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- Hold access under stern sunbed area through three hatches with closure and piston, one of which in transparent Plexiglas, placed under the cushions
- Lighting with LED spotlights and bars and mounted recessed on the fabric-upholstered ceiling by means of a stainless steel frame.
- INSTALLABLE TENDER (OPT):
 - MAXIMUM DIMENSIONS OF TENDER - GARAGE: 3.30 x 1.70 m (10' 10" x 5' 7")
 - LIFT PAYLOAD EXCLUDING GRP, TEAK AND LADDER: 340 kg (749.6 lb)
 - RECOMMENDED TENDER - GARAGE: Pirelli J33

Wheelhouse

- Commander's seat
- Helm seat provided with adjustable squab with stainless steel structure and padded cushion, and manual mechanism for horizontal adjustment of the pilot position
- Leather-covered steering wheel
- Dedicated lighting
- internal dashboard consisting of:
 - Volvo Penta engine display
 - Multifunction Display AXIOM 7"
 - Engine throttles
 - maneuvering joystick
 - VHF (from serial No. 029)
 - magnetic compass
 - Bow thruster controls
 - audible alarm controls
 - USB socket
- Adjustable outlets for air conditioning delivery
- Two glass racks
- GRP footrest
- GRP floor with non-slip finishing

To the left of the wheelhouse

- Two lounging chairs on port fore side, to the left of the compartment leading

to lower deck, made with removable cushions in fabric

- Two additional storage compartments on port fore side, to the left of the compartment leading to lower deck, both provided with piston for keeping the transparent Plexiglas hatches lifted
- Two additional horizontal lockers, on port fore side, located under the lounging chair
- GRP floor with non-slip finishing
- At the center of the boat, between the wheelhouse and the lounging chairs, is the ladder leading to the lower deck, accessible through a white Plexiglas sliding companionway.



N.B.

for further information regarding the electronic navigation instruments, refer to the specific paragraph.

Platform/Hold

- Large hold that can be used as garage if the hatch hydraulic lifting piston is purchased
- Refueling plugs on both sides of the deck gunwale
- External GRP steps for accessing the cockpit, starboard side
- External GRP steps for accessing the port walk around
- One stainless steel and Plexiglas gate that separates the steps from the cockpit, starboard side
- External shower head, on starboard side
- GRP floor with non-slip finishing
- Manual removable swimming ladder, located under the center of the platform, aft side
- Two lockers with hatch under the mooring stations

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Interior

Galley

- Located on port side
- Cabinet with compartments for household appliances and two drawers under the sink with laminated worktop
- Column cabinet for fridge, forward in the owner's cabin access corridor, port side
- Column cabinet with shelves, forward in the owner's cabin access corridor, starboard side
- Two storage wall units above the windows provided with Venetian blinds and portlight
- Stainless steel sink with faucets
- 220 l (7.77 cu.ft) Fridge / Freezer
- Extractor hood
- 20 l (0.71 cu.ft) microwave oven
- Ceramic glass two-hob range
- Laminate flooring
- Lighting with LED spotlights and bar mounted recessed on fabric-upholstered ceiling
- Concealed sockets

Dinette

- Located on starboard side
- One 5 seater "C" shaped sofa with lockers arranged longitudinally on starboard side
- One wooden folding table with glass rack and fixed base in stainless steel
- Two storage wall units above the windows provided with Venetian blinds and portlight
- Full length mirror, fore side
- Fabric and laminate upholstered bulwarks
- Carpeted floor
- Lighting with LED spotlights mounted recessed on fabric-upholstered ceiling
- LED courtesy lighting under the steps
- Sockets

Owner's cabin

- Located at the bow
- Double bed at the center of the boat with locker and two chest of drawers with shelves
- Mattress, pillows and bedspread
- Fabric-upholstered headboard
- Two reading lights
- Fabric-upholstered headboard
- Two bedside tables
- Two storage wall units above the windows provided with Venetian blinds and portlight
- Vanity with collapsible shelf and pouf concealable under the bed
- Two wardrobes with hanger bars and mirror
- One chest of drawers on port bulwark forward of the wardrobe
- Emergency escape hatch in fore sunbed area
- Fixed skylight forward of the emergency escape hatch
- Fabric and laminate upholstered bulwarks
- Carpeted floor
- Direct access to dedicated head
- Lighting with LED spotlights and bar mounted recessed on fabric-upholstered ceiling
- Sockets

Owner's head

- Located on starboard side
- Independent access from owner's cabin
- Ceramic washbasin with laminated top
- Faucets
- Head accessories
- Wall unit above sink with mirror
- Storage under the washbasin
- Toilet
- Central shower enclosure with:
- glass access door and aluminum frame

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- shower enclosure walls covered with laminate
- GRP floor with non-slip finishing
- thermostatic mixer
- hand-held and ceiling-mounted shower head
- ceiling-mounted recessed LED lighting bar
- Side windows with recessed portlight, provided with Venetian blind
- Laminated floor
- Lighting with ceiling spotlight and recessed LED bar above the wall unit
- Sockets

VIP cabin

- Located on starboard side
- Double bed, which can be transformed into two single beds, placed longitudinally on the bulwark, with locker below
- Mattress, pillows and bedspread
- Fabric-upholstered headboard
- Two reading lights
- Two bedside tables, one of which is concealed when the bed is in the double bed configuration
- One wardrobe with hanger bar and mirror
- Wardrobe, longitudinal on port side, with vanity and chest of drawers
- Two drawers on fore side
- Two wall units, aft and midship on port side
- Side windows with portlight, provided with Venetian blind
- Fabric and laminate upholstered bulwarks
- Carpeted floor
- Access to head through corridor
- Lighting with LED spotlights mounted recessed on fabric-upholstered ceiling
- Sockets.

Guest cabin

- Located on port side
- Two bunk beds
- Mattress, pillows and bedspread
- Two reading lights
- One shelf at the foot of the upper bed
- One wardrobe with hanger bar, shelf, and mirror
- One wall unit on bulwark, above the upper bed
- One locker on the lower bed plane
- Side windows with recessed portlight, provided with Venetian blind
- Fabric and laminate upholstered bulwarks
- Carpeted floor
- Access to head through corridor
- Lighting with LED spotlights mounted on fabric-upholstered ceiling
- Socket

VIP / Guest head

- Located on port side
- Ceramic washbasin with laminated top
- Faucets
- Head accessories
- Side wall unit with mirror
- Storage under the washbasin
- Toilet
- Shower enclosure with:
 - glass access door and aluminum frame
 - shower enclosure walls covered with laminate
 - GRP floor with non-slip finishing
 - thermostatic mixer
 - hand-held shower head
 - wall unit
 - ceiling spotlight
- Side windows with portlight, provided with Venetian blind
- Laminated floor
- Lighting with ceiling spotlight and recessed LED bar above the wall unit
- Sockets

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Systems

Electric system

- Shore-powered power supply
- Three electric panels installed on the fore bulkhead of the engine room, in the aft wall cabinet of the dinette, and under the central seating area of the dinette
- Two electric panels installed on the fore bulkhead of the engine room and in the aft wall cabinet of the dinette
- One battery cut-out control panel installed in the aft wall cabinet of the dinette
- Onboard voltages:
 - 230 V - 50 Hz AC
 - 24 V DC from battery set
 - 12 V DC from battery set and from DC/DC voltage reducer.

Galvanic current insulation

- Zinc anodes

Generator

- One single phase generator 3.5 kW / 230 V AC - 50 Hz for EU system
- Remote start up

Shore power sockets

- EU: one socket 3P - 50 A
- The AC power sources terminate on the main electric panel in the engine room, for the 230 V network. The AC power sources are protected by suitably sized fuses, and introduced into the network by means of remote control switches

Batteries

- Services: six batteries 90 Ah - 12 V DC
- Engines: four batteries 90 Ah - 12 V DC
- Generator: one battery 90 Ah - 12 V
- Service / service backup / engine starting battery chargers: six 60 Ah - 24 V
- Genset start up battery charger: one 12 Ah - 12 V

Lights and sockets

- 230 V AC sockets for main utility power supply, EU type
- USB sockets
- Internal lighting: 24 V LED type
- External lighting: 24 V LED type

Electronic navigation instruments

- For a detailed list of alternative/additional equipment available, please refer to the Optionals price list

► N.B.

the electronics are constantly being updated, therefore the indicated configuration may be subject to changes.

Bilge system

- Main system composed of three automatic and independent pumps located in each watertight compartment:
 - two in the engine room (fore and aft)
 - one (central) under VIP cabin entrance floor
- Secondary or auxiliary system, composed of two manual pumps with three suction points located as follows:
 - two in the engine room (fore and aft)
 - one (central) under VIP cabin entrance floor

Fire extinguishing system

- One manual system activation control on the vertical wall between the wheelhouse and the helm seat
- System indicator/reset on instrument board under the steering wheel
- One gas fire extinguisher in the engine room

Fuel system

- Two plastic fuel tanks located longitudinally on port and starboard

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sides in the engine room, total 1500 l (396 US.liq.gal.)

- Two fuel level electronic sensors (one per tank) monitored through indication in the wheelhouse
- One fuel level optical gage on port tank
- Two engine single RACOR settling filters
- One generator RACOR filter
- Two tank vents on bulwark, one per side
- Remote engine diesel shut-off via 24 V solenoid valve
- Remote generator diesel shut-off via 12 V solenoid valve
- Refueling plugs on both sides of the gunwale/deck column
- Possibility of leveling diesel from one tank to the other, using a communicating pipe
- Possibility of refueling both diesel tanks from a single refueling plug, by means of the communicating pipe.

Fresh water system

- 450 l (118.8 US.liq.gal.) plastic tank under the bow tray, under the owner's cabin floor, aft side
- Water refill through caps located in the fore part of the port walk around
- Water pressure pump unit located in the engine room, port aft side (24 V - 50/60 Hz) with electronic control
- 60 l (15.84 US.liq.gal.) water heater located in the engine room, starboard aft side
- Fresh water toilet flushing
- One level sensor with electronic indicator on the 24 V electric panel in dinette, starboard aft side
- The system can be isolated by means of ACORN type manifolds located under the galley/dinette floor, fore side

Black water system

- Two TECMA toilets with direct outboard discharge

Gray water system

- 10l (2.64 US.liq.gal.) plastic tank located under the dinette floor
- One 17.5 l/min (4.62 US.liq.gal./min) pump
- One collection tray under the corridor floor in front of the guest head

Seawater system

- Engine cooling system: includes two seawater intakes with filter and 2" ball valve
- Generator cooling system: includes one seawater intake with filter and 1" ball valve

Ventilation/extraction

- Two extractors located abaft the engine room, with pipe diam. 100 mm (3.94 in) that conveys the air outside through openings on hull bulwark

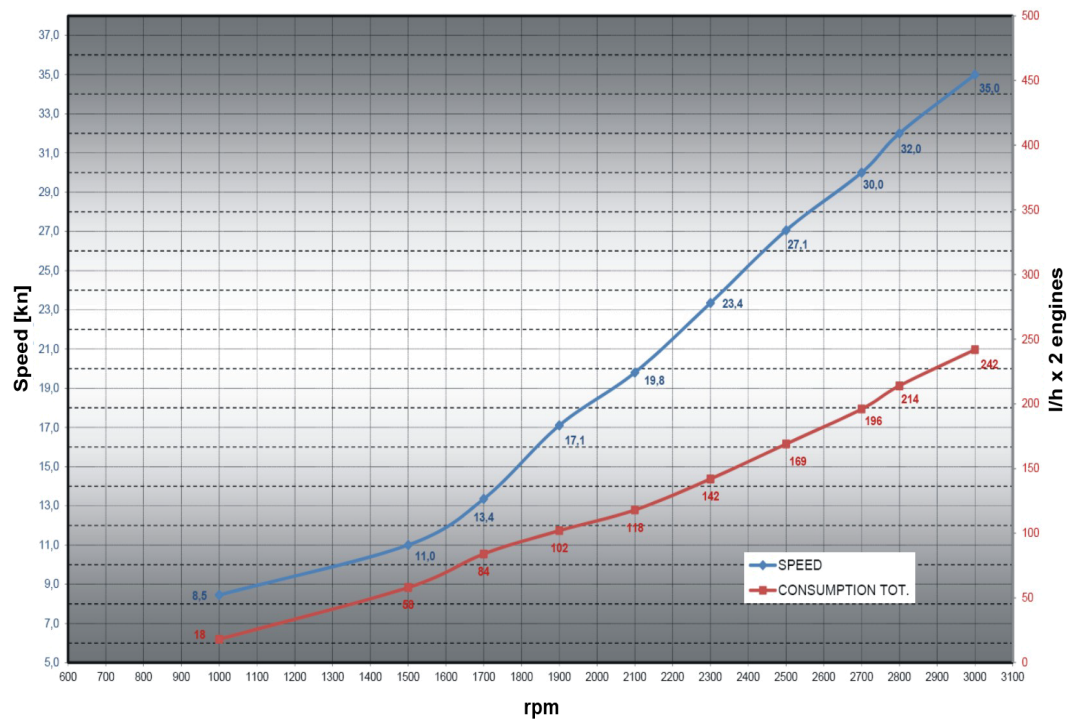
Equipment

- One telescopic boat hook
- Two mooring lines
- Fender lines: 18 m (59')
- One anchor chain stopper
- Six fenders
- Six black fender covers
- One Owner's manual
- One AZIMUT document folder
- One wooden boat model
- One AZIMUT warranty service booklet
- Two floating keyrings
- One large bag with logo for manuals
- One remote control holder with logo
- One shower pipe storage bag

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Annex 2 - Performance / consumption chart

2 x VOLVO IPS-800



TECHNICAL SPECIFICATIONS ATL51 (04/09/2020)

NB

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